

ABSTRACT OF THE DISCLOSURE

In a magnetron comprising a choke coil which is connected between a cathode terminal and a capacitor and cooperates with the capacitor to form an LC filter circuit, the choke coil
5 includes a series connection of first and second core type inductors and an air-core inductor, the first and second core type inductors, having respectively bar-like high-frequency absorbing members located within windings thereof, the air-core inductor not having a high-frequency absorbing member, the
10 air-core inductor is connected to the cathode terminal, a gap having a width within 1mm to 6mm is present between the high-frequency absorbing members of the first and second core type inductors, and an insulating material is placed in the gap.